



## Risk and protective factors in the development of post-traumatic stress disorder symptoms among a cohort of students in two tertiary institutions post Hurricane Ivan

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### Abstract:

**OBJECTIVE:** This study seeks to identify factors associated with post-traumatic stress disorder (PTSD) following Hurricane Ivan among a cohort of tertiary-level students in Jamaica. **METHODS:** A 22-item, self-administered questionnaire was administered to a non-random sample. Using parametric and non-parametric analyses, the relationship between PTSD symptoms and several variables was examined. **RESULTS:** Feeling anxious, worried or fearful and/or experiencing loss and injury during the hurricane were significant ( $p < 0.01$ ) predictors for PTSD symptoms. **CONCLUSIONS:** Factors predicting the development of PTSD symptoms were feeling anxious, worried or fearful during the hurricane and experiencing loss of property and/or death or injury of a family member during the hurricane.

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### Resource Description

#### Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

#### Communication Audience:

audience to whom the resource is directed

Public

#### Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event

**Extreme Weather Event:** Hurricanes/Cyclones

#### Geographic Feature:

resource focuses on specific type of geography

# Climate Change and Human Health Literature Portal

Ocean/Coastal

## **Geographic Location:**

resource focuses on specific location

Non-United States

**Non-United States:** Non-U.S. North America

## **Health Impact:**

specification of health effect or disease related to climate change exposure

Mental Health/Stress

**Mental Health Effect/Stress:** Stress Disorder

## **Mitigation/Adaptation:**

mitigation or adaptation strategy is a focus of resource

Adaptation

**Population of Concern:** A focus of content

## **Population of Concern:**

populations at particular risk or vulnerability to climate change impacts

Workers

**Other Vulnerable Population:** Married people

## **Resource Type:**

format or standard characteristic of resource

Research Article

## **Resilience:**

capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

A focus of content

## **Timescale:**

time period studied

Time Scale Unspecified

## **Vulnerability/Impact Assessment:**

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content